

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of exchanging user-specific data from a mobile network to a service application of an external service provider, wherein certain user data is needed by the application for providing a requested service to a mobile user, the method comprising the following acts performed by a data control server of the mobile network:

receiving a service request from the mobile user directed to the service application;

generating a unique Application User Identification (AUID) random code which is assigned to a combination of the mobile user and the service application when the mobile user has not previously accessed the service application;

sending the service request and the assigned AUID code to the service application,

receiving from the application a request for the user data of said mobile user,

allowing the service application to receive the requested user data if said assigned

AUID code was included in the received user data request, ~~and~~

retrieving the requested user data based on the received AUID code and sending the user data to the application, and

the service application using the assigned AUID code to obtain the user data in conjunction with any subsequent service request from the mobile station.

2. (Previously Presented) A method according to claim 1, wherein the AUID code is generated in response to receiving the service request from the mobile user.

3. (Previously Presented) A method according to claim 1, wherein the AUID code is stored in a translation table together with an identity of the mobile user and an identity of the service application.

4. (Previously Presented) A method according to claim 3, wherein the mobile user identity is obtained from the translation table based on the received AUID code, for retrieving the requested user data from a user data base in which user-specific data is stored for mobile users being registered in the mobile network.

5. (Previously Presented) A method according to claim 1, wherein the AUID code is used by the service application for attributing the retrieved user data sent to said service upon subsequent access of the mobile user to the same service.

6. (Previously Presented) A method according to claim 1, further comprising checking a permission table specifying types of user data that each service application is allowed to receive from the mobile network.

7. (Previously Presented) A method according to claim 6, wherein a permission table is maintained for a specific user or group of users.

8. (Previously Presented) A method according to claim 6, wherein an error message is sent to the service application if the service application is not allowed to retrieve the requested user data.

9. (Previously Presented) A method according to claim 1, wherein new AUID codes are generated by dividing the decimal representation of a non-periodic irrational number into blocks of a certain length, wherein each block is used as an AUID code.

10. (Previously Presented) A method according to claim 1, further comprising determining whether a valid mobile user identity exists that corresponds to the received AUID code in order to check if the application is authorised.

11. (Currently Amended) A data control server for exchanging user-specific data from a mobile network to a service application of an external service provider, wherein certain user data is needed by the application for providing a requested service to a mobile user, the data control server comprising:

- means for receiving a service request from the mobile user directed to the service application,
- means for generating a unique Application User Identification (AUID) random code which is assigned to a combination of the mobile user and the service application when the mobile user has not previously accessed the service application,
- means for sending the service request and the assigned AUID code to the service application,
- means for receiving from the service application a request for user data of the mobile user,
- means for allowing the service application to receive the requested user data if the assigned AUID code was included in the received user data request, and
- means for retrieving the requested user data based on a received AUID code and for sending the user data to the application; and
- means for the service application to use the assigned AUID code to obtain the user data in conjunction with any subsequent service request from the mobile station.

12. (Previously Presented) A server according to claim 11, further comprising a permission table specifying types of user data that each service application is allowed to receive from the mobile network.

13. (Previously Presented) A server according to claim 11, further comprising a translation table for storing the AUID code together with an identity of said mobile user and an identity of said service application.

14. (Previously Presented) A server according to claim 13, further comprising a translator for translating AUID codes into mobile user identities and vice versa by checking the translation table.

15. (Previously Presented) A server according to claim 11, wherein the code generating means is capable of generating new AUID codes by dividing the decimal representation of a non-periodic irrational number into blocks of a certain length, wherein each block is used as an AUID code.

16. (Previously Presented) A server according to claim 11, further comprising a mobile network interface for receiving service requests from mobile users, and for retrieving user data.

17. (Previously Presented) A server according to claim 11, further comprising an external provider interface for receiving requests for user data from service applications, and for responding with either the requested data or an appropriate error message.

18. (Previously Presented) A computer program product comprising software code being adapted to perform the method of claim 1 in a data control server.